

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
 Data File : BP020020.D
 Acq On : 28 Mar 2024 21:39
 Operator : MA/JU
 Sample : P1856-03MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0LZ0MSD

Quant Time: Mar 28 23:25:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Jagrut Upadhyay 03/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	98777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	415578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	278338	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	589303	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	540784	20.000	ng/u1	-0.01
88) Perylene-d12	24.827	264	592985	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	8234	3.652	ng/uL	0.00
4) Pyridine-d5	3.646	84	28882	4.243	ng/u1	0.00
7) Phenol-d5	6.805	99	78572	9.432	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	250797	46.208	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	202918	33.917	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	145948	22.644	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	139369	43.754	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	151552	42.524	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	258842	39.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	27398	3.229	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	944842	48.416	ng/u1	0.01
49) Acenaphthylene-d8	13.928	160	1033649	45.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	27912	9.098	ng/u1	0.00
60) Fluorene-d10	15.263	176	791101	47.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	173234	49.110	ng/u1	-0.02
73) Anthracene-d10	17.175	188	1253296	48.045	ng/u1	0.00
81) Pyrene-d10	19.569	212	1509655	47.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1426558	50.076	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	17507	6.805	ng/uL#	1
5) Pyridine	3.664	79	103277	14.884	ng/u1	99
6) Benzaldehyde	6.787	77	233271	56.626	ng/u1	96
8) Phenol	6.828	94	85717	9.841	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.063	93	312045	44.239	ng/u1	98
12) 2-Chlorophenol	7.187	128	211788	33.590	ng/u1	98
13) 2-Methylphenol	8.046	108	170117	27.095	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	449535	46.348	ng/u1	99
16) Acetophenone	8.434	105	494194	47.535	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	275061	47.436	ng/u1	99
18) 4-Methylphenol	8.375	108	157700	23.336	ng/u1	97
19) Hexachloroethane	8.658	117	120632	41.192	ng/u1	94
22) Nitrobenzene	8.805	77	408286	45.000	ng/u1	100
23) Isophorone	9.322	82	770522	45.559	ng/u1	97
25) 2-Nitrophenol	9.499	139	155075	41.739	ng/u1	98
26) 2,4-Dimethylphenol	9.552	107	258053	31.818	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.799	93	439839	44.475	ng/u1	100
29) 2,4-Dichlorophenol	10.028	162	250045	39.270	ng/u1	99
30) Naphthalene	10.416	128	921269	43.212	ng/u1	100
32) 4-Chloroaniline	10.540	127	303016	36.389	ng/u1	99
33) Hexachlorobutadiene	10.681	225	210687	41.988	ng/u1	98
34) Caprolactam	11.357	113	15170m	7.665	ng/u1	
35) 4-Chloro-3-methylphenol	11.663	107	278592	39.387	ng/u1	99
36) 2-Methylnaphthalene	12.034	142	636912	44.868	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.246	142	636364	44.824	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.404	216	386185	41.965	ng/u1	98
40) Hexachlorocyclopentadiene	12.369	237	175396	33.682	ng/u1	98
41) 2,4,6-Trichlorophenol	12.651	196	243799	43.124	ng/u1	99
42) 2,4,5-Trichlorophenol	12.734	196	254924	43.597	ng/u1	98
43) 1,1'-Biphenyl	13.057	154	864915	42.909	ng/u1	100
44) 2-Chloronaphthalene	13.093	162	696976	42.878	ng/u1	98
45) 2-Nitroaniline	13.322	65	257849	50.358	ng/u1	97
47) Dimethylphthalate	13.710	163	937019	47.570	ng/u1	100
48) 2,6-Dinitrotoluene	13.834	165	194764	48.699	ng/u1	99
50) Acenaphthylene	13.963	152	1133146	44.448	ng/u1	99
51) 3-Nitroaniline	14.169	138	177738	48.258	ng/u1	91
52) Acenaphthene	14.310	153	750477	44.314	ng/u1	99
53) 2,4-Dinitrophenol	14.404	184	106521	46.801	ng/u1	100
55) 4-Nitrophenol	14.498	109	24974	8.871	ng/u1	94
56) Dibenzofuran	14.651	168	1055974	45.911	ng/u1	97
57) 2,4-Dinitrotoluene	14.640	165	288290	52.724	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.892	232	233053	46.476	ng/u1	99
59) Diethylphthalate	15.104	149	976729	50.003	ng/u1	98
61) Fluorene	15.322	166	879133	46.864	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.316	204	465689	46.347	ng/u1	97
63) 4-Nitroaniline	15.363	138	163673	52.033	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.422	198	176190	47.064	ng/u1	98
67) N-Nitrosodiphenylamine	15.557	169	755413	46.408	ng/u1	98
68) 4-Bromophenyl-phenylether	16.245	248	297567	46.526	ng/u1	97
69) Hexachlorobenzene	16.351	284	332220	46.779	ng/u1	99
70) Atrazine	16.539	200	300825	48.236	ng/u1	100
71) Pentachlorophenol	16.710	266	194860	46.806	ng/u1	99
72) Phenanthrene	17.122	178	1425988	46.802	ng/u1	100
74) Anthracene	17.210	178	1485213	48.008	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	390347	40.627	ng/uL	98
76) Pentachlorobenzene	14.557	250	382934	43.036	ng/uL	98
77) Carbazole	17.510	167	1305691	49.357	ng/u1	100
78) Di-n-butylphthalate	18.092	149	1653963	50.073	ng/u1	100
80) Fluoranthene	19.216	202	1782872	47.839	ng/u1	100
82) Pyrene	19.604	202	1813504	46.820	ng/u1	98
83) Butylbenzylphthalate	20.575	149	726727	46.205	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.457	252	484813	42.156	ng/u1	100
85) Benzo(a)anthracene	21.516	228	1820388	48.643	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1069049	46.517	ng/u1	98
87) Chrysene	21.586	228	1667813	47.935	ng/u1	98
89) Di-n-octyl phthalate	22.733	149	1782030	47.383	ng/u1	100
90) Benzo(b)fluoranthene	23.786	252	1744157	50.168	ng/u1	100
91) Benzo(k)fluoranthene	23.857	252	1765160	49.962	ng/u1	99
93) Benzo(a)pyrene	24.680	252	1646121	48.950	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	2060377m	48.644	ng/u1	
95) Dibenzo(a,h)anthracene	28.639	278	1692690m	49.128	ng/u1	
96) Benzo(g,h,i)perylene	29.727	276	1690513m	49.411	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

